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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/699,380	10/31/2003	Johnny I. Accot	ARC920030061US1	3034

7590 03/19/2008
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EXAMINER

ABDUL-ALI, OMAR R

ART UNIT	PAPER NUMBER
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2178

MAIL DATE	DELIVERY MODE
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03/19/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Allowability**Application No.**

10/699,380

Applicant(s)

ACCOT, JOHNNY I.

Examiner

Omar Abdul-Ali

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the response filed January 2, 2008.
2. ☒ The allowed claim(s) is/are 1-3,5-7,9-19,21,22,24-27,29-31 and 33-41.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20080314-A.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter Balnave on March 14, 2008. The application has been amended as follows:

Claim 2 (Currently Amended): The method of claim 1, all the limitations of which are incorporated herein by reference, wherein said spiral trough comprises a smooth spiral configuration.

Claim 3 (Currently Amended): The method of claim 1, all the limitations of which are incorporated herein by reference, wherein said spiral trough comprises a spiral configuration including right angles.

Claim 5 (Currently Amended): The method of claim 1, all the limitations of which are incorporated herein by reference, wherein each item of said entire ordered list of items is represented by a fixed proportion of a length of said spiral trough.

Claim 6 (Currently Amended): The method of claim 1, all the limitationsu of which are incorporated herein by reference, wherein said thumb region is proportional to a fixed proportion of a length of said spiral trough.

Claim 7 (Currently Amended): The method of claim 5, all the limitationsu of which are incorporated herein by reference, wherein the fixed proportion corresponds to a fixed angle.

Claim 9 (Currently Amended): The method of claim 1, all the limitationsu of which are incorporated herein by reference, wherein a total length of said spiral trough is directly proportional to a number of items in the entire ordered list.

Claim 10 (Currently Amended): The method of claim 1, all the limitationsu of which are incorporated herein by reference, further comprising displaying the subset of contiguous items of said entire ordered list around said spiral trough.

Claim 11 (Currently Amended): The method of claim 1, all the limitationsu of which are incorporated herein by reference, further comprising [[a]] rotating said thumb region along said spiral trough by a thumb manipulator, [[of said graphical user interface]]

Claim 13 (Currently Amended): The method of claim 12, all the limitationsu of which are incorporated herein by reference, wherein as the rotatable thumb rotates, a display of

said subset of contiguous items of said entire ordered list of items changes correspondingly.

Claim 14 (Currently Amended): The method of claim 12, all the limitationsu of which are incorporated herein by reference, wherein the spiraling trough comprises a smooth spiral configuration.

Claim 15 (Currently Amended): The method of claim 12, all the limitationsu of which are incorporated herein by reference, wherein the spiraling trough comprises a spiral configuration including right angles.

Claim 17 (Currently Amended): The method of claim 12, all the limitationsu of which are incorporated herein by reference, wherein each item of said entire ordered list of items is represented by a fixed proportion of [[the]] a length of said spiraling trough.

Claim 18 (Currently Amended): The method of claim 12, all the limitationsu of which are incorporated herein by reference, wherein the thumb region is proportional to a fixed proportion of a length of said spiraling trough.

Claim 19 (Currently Amended): The method of claim 17, all the limitationsu of which are incorporated herein by reference, wherein the fixed proportion corresponds to a fixed angle.

Claim 21 (Currently Amended): The method of claim 12, all the limitationsg of which are incorporated herein by reference, wherein a total length of the spiraling trough is directly proportional to a number of items in the entire ordered list.

Claim 22 (Currently Amended): The method of claim 12, all the limitationsg of which are incorporated herein by reference, wherein the subset of contiguous items of said entire ordered list of items is displayed circumferentially around a perimeter of the spiral scrollbar.

Claim 25 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein as the thumb region is rotated, a display of the subset of contiguous items of the entire ordered list of items changes correspondingly.

Claim 26 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein the spiral trough comprises a smooth spiral configuration.

Claim 27 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein the spiral trough comprises a spiral configuration including right angles.

Claim 29 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein each item of said entire ordered list of items is represented by a fixed proportion of ~~[[the]]~~ a length of said spiral trough.

Claim 30 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein the thumb region is proportional to a fixed proportion of a length of said spiral trough

Claim 31 (Currently Amended): The method of claim 29, all the limitationsg of which are incorporated herein by reference, wherein the fixed proportion corresponds to a fixed angle.

Claim 33 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein a total length of the spiral trough is directly proportional to a number of items in the entire ordered list.

Claim 34 (Currently Amended): The method of claim 24, all the limitationsg of which are incorporated herein by reference, wherein the subset of contiguous items of said entire ordered list of items is displayed circumferentially around a perimeter of the spiral scrollbar.

Claim 35 (Currently Amended): The method of claim 24, all the limitations of which are incorporated herein by reference, further comprising rotating said thumb region along said spiral trough by a thumb manipulator of said graphical user interface.

Claim 36 (Currently Amended): The method of claim 6, all the limitations of which are incorporated herein by reference, wherein said thumb region comprises more than one turn of said spiral trough, corresponding to an angle greater than 360 degrees.

Claim 37 (Currently Amended): The method of claim 18, all the limitations of which are incorporated herein by reference, wherein said thumb region comprises more than one turn of said spiral trough, corresponding to an angle greater than 360 degrees.

Claim 38 (Currently Amended): The method of claim 30, all the limitations of which are incorporated herein by reference, wherein said thumb region comprises more than one turn of said spiral trough, corresponding to an angle greater than 360 degrees.

Claim 39 (Currently Amended): The method of claim 1, wherein said entire ordered list of items corresponds to lines of a document.

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Sciammarella et al. (US 2007/0260994);
- b. Feig et al. (US 2002/0063737);
- c. Atkinson (US 5,701,424);
- d. Hatori et al. (US 5,977,974);
- e. Sommers et al. (US 5,940,076);
- f. Nguyen (7,036,091);
- g. Robbins (US 6,819,344).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omar Abdul-Ali whose telephone number is 571-270-1694. The examiner can normally be reached on Mon-Fri(Alternate Fridays Off) 8:30 - 6:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OAA
3/14/2008

/Stephen S. Hong/
Supervisory Patent Examiner, Art
Unit 2178